

Converting Colors

$Yxy(39.6557, 0.2949, 0.2536)$

Have a look what the booklet for
Yxy(39.6557, 0.2949, 0.2536)
contains.

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Color

Yxy(39.7899, 0.2947, 0.2536)

Conversions

Conversions Part 1

Format	Color
Hex	C19BD9
RGB	193, 155, 217
RGB Percent	76%, 61%, 85%
CMY	0.2431, 0.3922, 0.1491
CMYK	0.11, 0.29, 0.00, 0.15
HSL	277°, 45%, 73%
HSV	277°, 29%, 85%
XYZ	46.2385, 39.7899, 70.8718
YIQ	173.4300, 2.7460, 27.3380

Conversions

Conversions Part 2

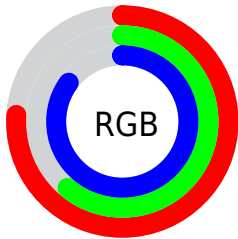
Format	Color
RYB	193, 155, 217
Decimal	12688345
CIELab	69.32, 25.48, -26.22
CIELCh	69, 36.567, 314.179
Yxy	39.7899, 0.2947, 0.2536
Android (android.graphics.Color)	4290878425 (0xFFC19BD9)
YUV	173.4300, 21.4800, 17.1629
Hunter-Lab	63.0792, 20.4559, -22.4590

Details

The Yxy color $39.7899, 0.2947, 0.2536$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $61.5589, 0.3262, 0.4072$, and the grayscale version is $41.9086, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.6372, 0.3112, 0.2846$, and $17.7981, 0.2887, 0.2333$ is the 20% darker color. If you saturate the color by 10%, you get $32.1353, 0.2864, 0.2252$, and if you desaturate by 10%, it is $48.8079, 0.3019, 0.2813$.

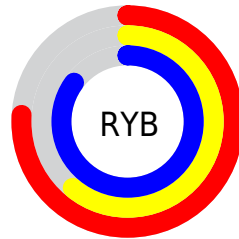
Distribution



Red (76%)

Green (61%)

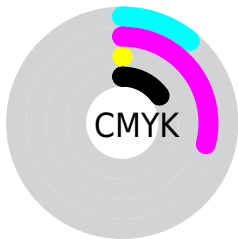
Blue (85%)



Red (76%)

Yellow (61%)

Blue (85%)

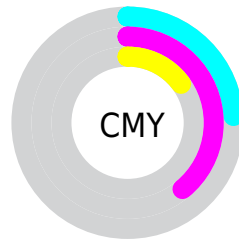


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (15%)



Cyan (24%)


Magenta (39%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7899, 0.2947, 0.2536 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.7899, 0.2947, 0.2536 by changing the saturation by 10% instead.


 39.7899, 0.2947,
0.2536


 39.7899, 0.2947,
0.2536


345.2372, 0.3045,
0.2901

 27.3748, 0.2920,
0.2449


 74.8435, 0.2985,
0.2665

 17.8549, 0.2885,
0.2340


 98.2507, 0.2998,
0.2715

 10.8459, 0.2836,
0.2200


126.0908, 0.3009,
0.2757

 5.9633, 0.2764,
0.2013

158.7480, 0.3019,
0.2794

 2.8228, 0.2653,
0.1754

196.6069, 0.3027,
0.2826

 1.0399, 0.2461,
0.1379

240.0518, 0.3034,

 0.0000, 0.2171,

0.2854

0.0000

289.4671, 0.3040,
0.2879

0.0000, 0.0000,
0.0000

39.7899, 0.2947,
0.2536

39.7899, 0.2947,
0.2536

32.1353, 0.2864,
0.2252

48.8079, 0.3019,
0.2813

25.7686, 0.2772,
0.1972

59.2497, 0.3082,
0.3078

20.6143, 0.2673,
0.1706

71.1779, 0.3134,
0.3324

16.5871, 0.2568,
0.1469

84.6500, 0.3178,
0.3551

13.5897, 0.2463,
0.1273

94.1834, 0.3222,
0.3677

■ 11.5080, 0.2361,
0.1126

■ 95.6447, 0.3276,
0.3670

■ 10.1695, 0.2266,
0.1027

■ 97.1741, 0.3330,
0.3664

■ 10.0030, 0.2252,
0.1014

■ 97.7885, 0.3352,
0.3661

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.7899, 0.2490, 0.2437



39.7899, 0.2947, 0.2536



39.7899, 0.3496, 0.2797

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.7899, 0.2947, 0.2536



39.7899, 0.4104, 0.3985



39.7899, 0.2336, 0.3332

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.7899, 0.2947, 0.2536



61.5589, 0.3262, 0.4072

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.7899, 0.2719, 0.3868



39.7899, 0.2947, 0.2536



39.7899, 0.3742, 0.4240

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.7899, 0.2947, 0.2536



39.7899, 0.4198, 0.3592



39.7899, 0.3233, 0.4219



39.7899, 0.2163, 0.2841

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.7899, 0.2947, 0.2536



39.7899, 0.3833, 0.3037



39.7899, 0.3233, 0.4219



39.7899, 0.2443, 0.3516

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.7916, 0.2947, 0.2536



84.5774, 0.3079, 0.3064



44.5356, 0.2664, 0.2804



17.6052, 0.3070, 0.3026



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.7916, 0.2947, 0.2536



50.7843, 0.2901, 0.2373



42.8833, 0.3214, 0.2648



13.0105, 0.3077, 0.3055



6.1193, 0.2266, 0.1022



0.4456, 0.2418, 0.1106

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.4443, 0.3512, 0.3004



53.6317, 0.3619, 0.2943



59.1623, 0.3050, 0.4030



13.1344, 0.3231, 0.3200



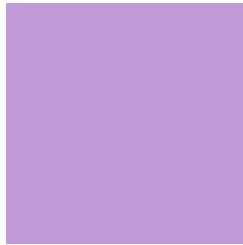
9.3356, 0.5421, 0.2760



0.6214, 0.4983, 0.2519

Previews

White Background



This preview shows how the Yxy color 39.7899, 0.2947, 0.2536 looks on a white background.

Color Contrast Check

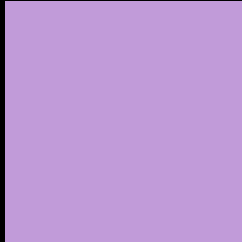
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.7899, 0.2947, 0.2536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

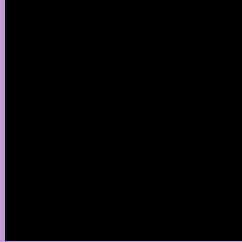
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7899, 0.2947, 0.2536

Background



This preview shows how black text looks on a background with the Yxy color 39.7899, 0.2947, 0.2536.



This preview shows how white text looks on a background with the Yxy color 39.7899, 0.2947, 0.2536.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.7899, 0.2947, 0.2536

Protanopia

39.9007, 0.2573, 0.2524

Deuteranopia

39.8601, 0.2711, 0.2649



Tritanopia

39.8938, 0.3239, 0.3119

Trichromacy



Original Color

39.7899, 0.2947, 0.2536

Protanomaly

39.8469, 0.2700, 0.2527

Deuteranomaly

39.6828, 0.2788, 0.2600

Tritanomaly

39.7220, 0.3127, 0.2891

Monochromacy



Original Color

39.7899, 0.2947, 0.2536

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6499, 0.3060, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7899, 0.2947, 0.2536 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 155, 217)` looks like.

```
.text, #text, p{  
    color:rgb(193, 155, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 155, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 155, 217) }
```

Border

The CSS property to change the border of an element to Yxy 39.7899, 0.2947, 0.2536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 155, 217) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(193, 155, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(193, 155, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 155, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 155, 217);  
box-shadow:4px 4px 4px 4px rgb(193, 155,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7899, 0.2947, 0.2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 155, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
155, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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